



Australian Government

Assessment Requirements for NWPSOU053

Coordinate and monitor groundwater system usage

Release: 1

Assessment Requirements for NWPSOU053 Coordinate and monitor groundwater system usage

Modification History

Release	Comments
1	These Assessment Requirements were released in NWP Water Training Package release 1.0 and meet the Standards for Training Packages. • Assessment Requirements created drawing upon specified assessment information from superseded unit

Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- undertaking source inspections
- using safety equipment and personal protective equipment
- identifying potential sources of contamination
- coordinating and monitoring groundwater system usage
- identifying groundwater management requirements, including water quality and quantity requirements
- identifying stakeholder requirements and environmental and development factors that impact on groundwater
- implementing monitoring and testing programs
- monitoring groundwater usage and quality
- investigating and reporting on breaches
- monitoring assets performance
- scheduling asset maintenance programs
- analysing and reporting asset performance data
- identifying, investigating and reporting current and potential asset problems, including recommendations for action

Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- relevant legislation, policies and procedures, organisational and statutory requirements
- customer expectations and requirements
- groundwater hydraulics
- properties of stored water
- system layout
- control systems
- equipment operation
- relevant utilities and service bodies
- hazardous materials handling
- effects of weather and conditions on bulkwater assets
- principles of soil mechanics
- concrete structure, strengths and deterioration
- risk management techniques
- WHS

Assessment Conditions

Competency should be assessed in an actual workplace or in a simulated environment, with access to equipment and infrastructure appropriate to the outcome. Competency should be demonstrated over time to ensure the candidate is assessed across a variety of situations.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>

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